

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	path.dm. AND length.dm. AND error.dm. AND phase.dm. AND (quantum.dm.   qkd.dm.) AND ("726".clas.   "713".clas.   "380".clas.   "359".clas.   "385".clas.   "356".clas.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 15:04
L2	28	path length\$1 AND ("QKD"   quantum key distribution   quantum cryptographic key distribution) AND ("726".clas.   "713".clas.   "380".clas.   "359".clas.   "385".clas.   "356".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 15:04
S1	154	380/258.ccls. AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:39
S2	2	"5243649".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:21
S3	2	"5339182".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:22
S4	2	"5414771".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:23
S5	2	"5675648".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:24
S6	2	"5732139".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:25

## EAST Search History (Prior Art)

S7	2	"5757912".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:26
S8	2	"5764765".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:27
S9	2	"5768378".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:29
S10	2	"5850441".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:30
S11	2	"5953421".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:30
S12	2	"5966224".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:31
S13	2	"6028935".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:32
S14	0	training symbols AND 380/258.cds. AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:39

## EAST Search History (Prior Art)

S15	3	training symbols AND "380".clas. AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 15:04
S16	3	timing symbols AND "380".clas. AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:46
S17	23	path length AND quantum AND ("380".clas. OR "726".clas. OR "713".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:54
S18	15	timing AND path length AND quantum AND ("380".clas. OR "726".clas. OR "713".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:54
S19	16	timing AND (path length OR length path) AND quantum AND ("380".clas. OR "726".clas. OR "713".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:59
S20	24	(path length OR length path) AND quantum AND ("380".clas. OR "726".clas. OR "713".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:54
S21	3	quantum cryptographic key distribution AND (path length OR length path) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 14:59
S22	822	training symbols AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 15:04

## EAST Search History (Prior Art)

S23	32	(length path OR path length) AND training symbols AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 15:05
S24	29	phase AND (length path OR path length) AND training symbols AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 15:10
S25	495	phase AND (length path OR path length) AND timing pulse AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 15:12
S26	42	quantum AND phase AND (length path OR path length) AND timing pulse AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 15:12
S27	2	quantum AND phase error AND (length path OR path length) AND timing pulse AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 16:17
S28	86	quantum AND phase error AND path AND timing AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 18:23
S29	1	(quantum key distribution OR quantum cryptographic key distribution OR "QKD") AND quantum AND phase error AND path AND timing AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/18 16:18
S30	2	phase error AND phase shift AND fiber stretcher AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 08:12

## EAST Search History (Prior Art)

S31	228	fiber stretcher AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 08:12
S32	98	well known AND fiber stretcher AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 08:15
S33	13	well known SAME fiber stretcher AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 08:40
S34	2172	probabilit\$2 AND phase error AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 08:38
S35	961	filter AND estimat\$3 AND length AND probabilit\$2 AND phase error AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 08:39
S36	843	detection AND filter AND estimat\$3 AND length AND probabilit\$2 AND phase error AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 08:46
S37	6	well known SAME fiber stretcher AND ("359".clas. OR "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 08:40
S38	10	detection AND filter AND estimat\$3 AND length AND probabilit\$2 AND phase error AND ("359".clas. OR "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:35

## EAST Search History (Prior Art)

S39	2	"5157461".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:34
S40	2	"6160627".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:34
S41	0	least absolute residual AND (bi-square OR bisquare) weight AND ("359".clas. OR "385". clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:36
S42	6	least absolute residual OR (bi-square OR bisquare) weight AND ("359".clas. OR "385". clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 10:27
S43	85	absolute residual OR (bi-square OR bisquare) weight AND ("359".clas. OR "385". clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:44
S44	15	estimation AND absolute residual OR (bi-square OR bisquare) weight AND ("359". clas. OR "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:55
S45	21	(estimation OR estimate) AND absolute residual OR (bi-square OR bisquare) weight AND ("359".clas. OR "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:45
S46	2	optic AND (estimation OR estimate) AND absolute residual OR (bi-square OR bisquare) weight AND ("359".clas. OR "385". clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:45

## EAST Search History (Prior Art)

S47	3	optic AND absolute residual OR (bi-square OR bisquare) weight AND ("359".clas. OR "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:45
S48	0	optic AND (absolute residual OR (bi-square OR bisquare)) AND ("359".clas. OR "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:46
S49	4	optic AND (absolute residual OR (bi-square OR bisquare)) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:46
S50	0	optic AND (absolute residual OR (bi-square OR bisquare)) weight AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:46
S51	3	optic AND absolute residual OR bi\$1square weight AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:46
S52	1	optic AND (absolute residual OR bi\$1square weight) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:47
S53	70	(absolute residual OR bi\$1square weight) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:47
S54	0	phase error AND (absolute residual OR bi\$1square weight) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:47

## EAST Search History (Prior Art)

S55	4	estimat\$3 AND phase AND (absolute residual OR bi\$1square weight) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:48
S56	16	estimat\$3 AND (absolute residual OR bi\$1square weight) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:48
S57	3	robust least square AND (absolute residual OR (bisquare OR bi square OR bi-square)) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:50
S58	31	robust least square AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:51
S59	0	least absolute residual AND robust least square AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:51
S60	19	weight AND robust least square AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 09:52
S61	14	bisquare OR least absolute residuals AND ("359".clas. OR "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/19 10:29
S62	40	(QKD   quantum key distribution) AND interferomet\$3 AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/09 13:03



## EAST Search History (Prior Art)

S63	33	path AND (QKD   quantum key distribution) AND interferomet\$3 AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/09 13:05
S64	32	length AND path AND (QKD   quantum key distribution) AND interferomet\$3 AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/09 13:05
S65	0	training AND symbol\$1 AND length AND path AND (QKD   quantum key distribution) AND interferomet\$3 AND (@pd<"20030321" or @ad<"20030321" or @prad<"20030321" or @rlad<"20030321")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 09:42
S66	9	symbol\$1 AND length AND path AND (QKD   quantum key distribution) AND interferomet\$3 AND (@pd<"20030321" or @ad<"20030321" or @prad<"20030321" or @rlad<"20030321")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 09:42
S67	5	symbol\$1 AND length AND path AND (QKD   quantum key distribution) AND interferomet\$3 AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 09:42
S68	2	"7242774".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 09:44
S69	0	(cipher   framing   training) AND symbol\$1 AND length AND path AND (QKD   quantum key distribution) AND interferomet\$3 AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 09:45
S70	0	(cipher   framing   training) AND symbol\$1 AND (QKD   quantum key distribution   quantum cryptography) AND interferomet\$3 AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 09:46

## EAST Search History (Prior Art)

S71	9	(cipher   framing   training) AND symbol\$1 AND (QKD   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 09:46
S72	1	interferomet\$5 AND (cipher   training) AND (symbol\$1   fram\$3) AND (QKD   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 09:52
S73	2	interferomet\$5 AND path length control AND (QKD   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 09:58
S74	2	"7324647".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 10:07
S75	2	"7457416".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 10:09
S76	2	"7430295".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 10:10
S77	2	"20060222180".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 10:12
S78	4506	(pikalo.in.   schlafer.in.   elliot.in.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 10:19

## EAST Search History (Prior Art)

S79	2	(pikalo.in.   schlafer.in.   elliot.in.) AND quantum key distribution	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 10:19
S80	24	interferomet\$5 AND path length AND control\$4 AND (QKD   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 10:31
S81	2	"5515438".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 10:37
S82	2	interferomet\$5 AND feedback control\$4 AND (QKD   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 10:58
S83	49	interferomet\$5 AND compensat\$3 AND (QKD   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 10:59
S84	3	interferomet\$5 AND (automatic\$4 NEAR compensat\$3) AND (QKD   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 11:00
S85	6	interferomet\$5 AND (auto\$1compensat\$3) AND (QKD   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 11:00
S86	2	"6188768".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 11:22

## EAST Search History (Prior Art)

S87	2	"5768378".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 12:35
S88	2	interferomet\$5 AND feedback control AND (QKD   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 14:45
S89	2	interferomet\$5 AND (feedback NEAR control\$4) AND (QKD   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 14:46
S90	2	(feedback NEAR control\$4) AND (QKD   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 14:48
S91	2	(feedback NEAR control\$4) AND ("QKD"   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 14:48
S92	80	frame\$1 AND ("QKD"   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:00
S93	59	control AND frame\$1 AND ("QKD"   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:01
S94	55	path AND control AND frame\$1 AND ("QKD"   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:01

## EAST Search History (Prior Art)

S95	52	path AND length AND control AND frame\$1 AND ("QKD"   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:01
S96	52	path AND length AND control AND frame\$1 AND ("QKD"   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:01
S97	0	path AND length AND control AND training frame\$1 AND ("QKD"   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:01
S98	0	training AND frame\$1 AND ("QKD"   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:01
S99	1	"QKD" path AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:05
S10 0	165	path AND length AND ("QKD"   quantum key distribution   quantum cryptography) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:06
S10 1	168	path AND length AND ("QKD"   quantum key distribution   quantum cryptography   quantum cryptographic key distribution) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:06
S10 2	72	path length AND ("QKD"   quantum key distribution   quantum cryptographic key distribution) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:06

## EAST Search History (Prior Art)

S10 3	66	path length AND control\$4 AND ("QKD"   quantum key distribution   quantum cryptography   quantum cryptographic key distribution) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:06
S10 4	69	path length AND (control\$4   compensat\$3   adjust\$4   calibrat\$3) AND ("QKD"   quantum key distribution   quantum cryptography   quantum cryptographic key distribution) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/27 15:07
S10 5	2	"20030002670".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/29 16:30
S10 6	28	path length\$1 AND ("QKD"   quantum key distribution   quantum cryptography   quantum cryptographic key distribution) AND ("726".clas.   "713".clas.   "380".clas.   "359".clas.   "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 14:59
S10 7	37	privacy amplification AND ("QKD"   quantum key distribution   quantum cryptography   quantum cryptographic key distribution) AND ("726".clas.   "713".clas.   "380".clas.   "359".clas.   "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 14:59
S10 8	29	phase AND privacy amplification AND ("QKD"   quantum key distribution   quantum cryptography   quantum cryptographic key distribution) AND ("726".clas.   "713".clas.   "380".clas.   "359".clas.   "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 14:59
S10 9	26	probabilit\$3 AND phase AND privacy amplification AND ("QKD"   quantum key distribution   quantum cryptography   quantum cryptographic key distribution) AND ("726".clas.   "713".clas.   "380".clas.   "359".clas.   "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 15:00

## EAST Search History (Prior Art)

S11 0	25	error AND probabilit\$3 AND phase AND privacy amplification AND ("QKD"   quantum key distribution   quantum cryptography   quantum cryptographic key distribution) AND ("726".clas.   "713".clas.   "380".clas.   "359".clas.   "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 15:00
S11 1	11	path length\$1 AND error AND probabilit\$3 AND phase AND privacy amplification AND ("QKD"   quantum key distribution   quantum cryptography   quantum cryptographic key distribution) AND ("726". clas.   "713".clas.   "380".clas.   "359".clas.   "385".clas.) AND (@pd<"20021015" or @ad<"20021015" or @prad<"20021015" or @rlad<"20021015")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 15:00
S11 2	1	path.dm. AND length.dm. AND error.dm. AND probabilities.dm. AND phase.dm. AND (quantum.dm.   qkd.dm.) AND ("726".clas.   "713".clas.   "380".clas.   "359".clas.   "385".clas.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 15:01
S11 3	3	path.dm. AND length.dm. AND error.dm. AND phase.dm. AND (quantum.dm.   qkd. dm.) AND ("726".clas.   "713".clas.   "380". clas.   "359".clas.   "385".clas.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 15:02
S11 4	32	path.dm. AND length.dm. AND phase.dm. AND (quantum.dm.   qkd.dm.) AND ("726". clas.   "713".clas.   "380".clas.   "359".clas.   "385".clas.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 15:02